

## Y-12 Sends 35 Isotope Packages Away In April

The Y-12 Isotope Research and Production Department made a total of 35 shipments of stable isotopes produced in the plant to laboratories and scientific institutions throughout the country during the month of April. Of the shipments made, 13 were to installations operated by the Atomic Energy Commission while the remaining 22 were to privately or publicly operated institutions.

During March 26 shipments of stable isotopes were made from Y-12 to 15 requestors.

### Demonstrates Industrial Use

Considered the outstanding consignment was the shipment of isotopes of Mercury 202 to the Bauch and Lomb Optical Co. The company will use the isotopes in making delicate lamps to use in determining standards of lengths and distances in optical work. The five milligrams in the shipment will be used by Bauch and Lomb to make three of these lamps. This is but one of the several ways in which stable isotopes are used in industry.

Five different AEC units received stable isotopes from Y-12 during April. These shipments included Lanthanum 138 to the Oak Ridge National Laboratory, Carbon 13 and Cadmium 113 to the Brookhaven National Laboratory, and Molybdenum 95 and Molybdenum 97 to the University of California Radiation Laboratory. The Los Alamos Scientific Laboratory received shipments of Tellurium 128 and Tellurium 130. Columbia University was sent one shipment each of Lead 204 and Lead 206 and two shipments each of Lead 207 and Lead 208.

In addition to the Mercury 202 sent to Bauch and Lomb other off-project units receiving stable isotopes from Y-12 during last month were the University of Illinois, Massachusetts Institute of Technology, the United States Bureau of Standards and Bartol Research Foundation.

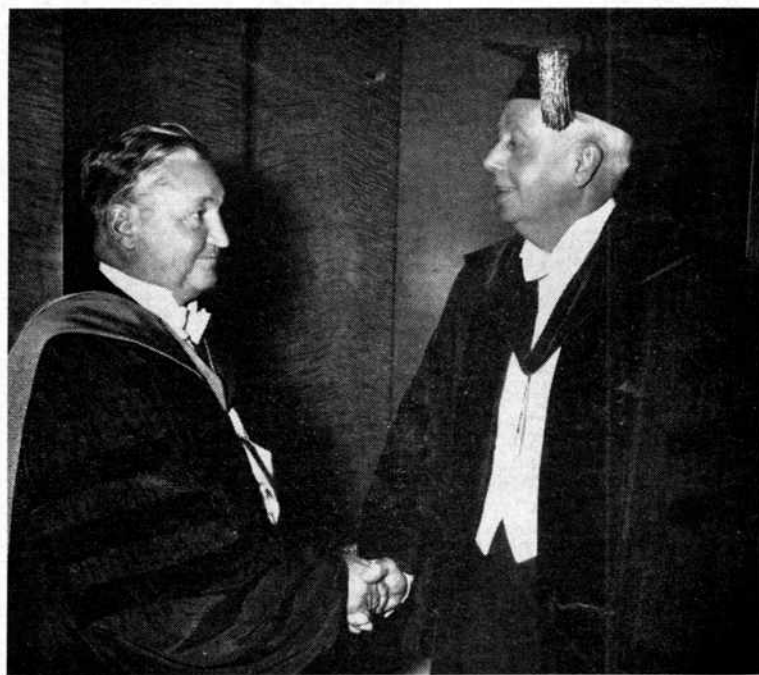
The University of Illinois asked for and received shipments of Chromium 50, 52, 53 and 54 and also Tin 118 and Molybdenum 95. Shipments of Lithium 6, Silicon 29 and 30, and Magnesium 25 and 26 were sent to the Massachusetts Institute of Technology. The National Bureau of Standards was sent shipments of Tin 115, 116, 117, 118, 119, 120 and 124 and also Thallium 203 and 205. The Bartol Research Foundation received a shipment of Silicon 30 to wind up the April consignments.

### BARUCH EXTENDS PLAN

Elder Statesman Bernard Baruch is quoted by the Baltimore Sun as declaring that his atomic control plan should be extended to cover the hydrogen bomb as well as the atomic bomb.

### SAFETY SCOREBOARD

Your Plant Has  
Operated  
327 DAYS  
Without A Lost Time  
Accident  
THROUGH MAY 14



FRED H. HAGGERSON, LEFT, PRESIDENT OF UNION Carbide and Carbon Chemicals Corporation, is being congratulated by Chancellor Harry Woodburn Chase, of New York University, on receiving an honorary degree of Doctor of Commercial Science.

## New York University Confers Honorary Degree On Haggerson

Fred H. Haggerson, president of Union Carbide and Carbon Corporation, was among 50 of the country's foremost "builders of enterprise" to recently receive an honorary degree of Doctor of Commercial Science from New York University. The presentations were made at a convocation commemorating the golden anniversary of the School of Commerce, Accounts and Finance of New York University.

Dean G. Rowland Collins, head of the school, announced names of the recipients of the degrees and in pointing out their contribution to business and science, said:

"What then, could be more appropriate to our golden anniversary than to pay tribute to our outstanding builders of American enterprise for their significant contributions to business efficiency and social idealism."

Mr. Haggerson's citation, in part read as follows:

"For service to science as well as business, for service through science to all the people, for recognition of the fact that the progress of science depends on competition under free enterprise, for the straight thinking of a disciplined mind for distinction in business administration, for exemplification of the new breed of public-minded executive, for the downright pleasure it gives us, we call on him to accept our degree of Doctor of Science, honoris causa, and to emblazon it on the shield of his accomplishments."

## Ceramics Society Will Hold Meeting In West Tennessee

All Y-12 employees interested in the work of the Tennessee Valley Section of the American Ceramic Society have been invited to attend a meeting of the organization scheduled for June 2 and 3 at Paris, Tenn., in the western section of the state.

Large deposits of ball clay are located in western Tennessee, making the section important to the ceramics industry. The program for the meeting includes seven technical talks, plant trips and a fish fry at Kentucky Lake where delegates to the meeting also may try their luck at fishing.

Y-12ers desiring further information on the meeting may obtain it from M. A. Schwartz, NEPA Division, Fairchild Engine and Airplane Corporation, Oak Ridge.

## Plant Equals Low Absentee Mark Of 1.6 Per Cent For Week Ending May 7; Record Set Last December

Employees of Y-12 equalled the low absenteeism mark on record for the plant when for the week ending May 7 only 1.6 per cent of the plant personnel was absent. This mark was established during the week ending December 11, 1949. Remarkably low absentee figures, particularly in the Major League of departments with more than 50 employees scheduled, was responsible for the good record set for the week ending May 7.

### Newcomers Take Top Places

Two newcomers to the top spots in the Major League attendance standings were recorded for the latest reporting period. They were Field Maintenance in first place and Chemical Research in second place. Field Maintenance had only .2 per cent of its employees absent while Chemical Research reported an absentee mark of .4 per cent. These two departments were in ninth and 13th positions, respectively, the preceding week.

Third place in the Major League was held by the Chemical Department with an absentee mark of .6 per cent. It was in second place the previous week.

### Five Departments Perfect

In the Minor League of departments with from 15-49 employees scheduled, there were five departments reporting perfect attendance figures for the week ending May 7 as against six the previous week. Only three of the five were repeaters from the week ending April 30.

The repeaters were Transportation, Steam Plant and Laundry. Climbing into the five-way tie for top honors in the Minor League were Maintenance Utilities, in second place the preceding week; and Cafeteria and Canteen, fourth-place occupants.

Second place in the Minor League was taken by Uranium Control and Computing for the week ending (Continued on Page 2)

## Riordan Elected AIE President

J. B. Riordan, editor of The Carbide Courier, newspaper at the K-25 plant, has been elected president of the Appalachian Industrial Editors. He succeeds C. L. Stewart, of the TEC News, Kingsport. Installation ceremonies were scheduled for Monday night of this week at Bristol, Tennessee. All three Carbide papers in Oak Ridge are affiliated with AIE.

## Susano Will Speak On Radio Program

Charles D. Susano, of the Y-12 Technical Service Laboratory, will be the featured speaker on the weekly radio program, "Headlines In Chemistry," to be given Sunday night, May 21. The program, sponsored by the East Tennessee Section of the American Chemical Society, is given at 9:15 o'clock each Sunday night over Oak Ridge Radio Station WATO.

Susano's topic will be "Chemistry of Cosmetics." In the talk he will describe the many contributions chemistry has made to the cosmetics industry.

Other Y-12ers who have appeared on the "Headlines In Chemistry" program in the past include Roberta McCutcheon, also of the Technical Service Laboratory; and V. C. Jackson, of the Analytical Laboratory.

## K-25 Photographer Wins Camera Club Top Prize

James Dalton, of K-25, won both first and third places in the portrait print contest held Tuesday, May 9, by the Carbide Camera Club. Herman Dickerson, of the Y-12 Electromagnetic Research Laboratory, took second prize. Honorable mention was given to prints entered by S. A. Hluchan and Ken Lewis, both of the Oak Ridge National Laboratory.

About 35 members of the club attended the meeting in the organization's headquarters in the Y-12 East Portal building. They heard an address by Stanley Dove, head of the photographic department of a Knoxville department store, on child portraiture. Bruce Leslie, also of Knoxville, judged the prints.

## Don't Throw Joe !!

## Careless Tossing Of Cigarette And Cigar Stubs In Country Often Cause Of Disastrous And Wide-Spread Forest Blazes

Joe Doakes is a city man who thinks nothing of tossing his cigarette stubs out of his automobile window. In the city, of course, nothing happens because Joe is driving on a noncombustible pavement surface that permits pipe ashes, match embers, cigarette and cigar stubs to burn away harmlessly.

However, come the week end, Joe heads for the country with the family for an outing—driving along roads bordered with fields and forests. Again he flicks his cigarette out of the window.

Now things are vastly different out in the country from inside the city. The fire-bearing cigarette stub rolls off the road into a pile of dry leaves, grass or twigs—and a forest fire is in the making.

Passing motorists—and possibly pedestrians—see this red-tongued monster in the early stages when just a little effort could stamp it out. Yet, almost invariably they do nothing—said "they didn't start it" and their property is not endangered.

Perhaps the promiscuous "burning off" of weeds, stubble, old grass and brush each spring by land owners in a mistaken notion that it is beneficial to the land has taught the general public such disrespect for uncontrolled or unattended fires. Weed fires all too easily develop into brush fires and in turn are quickly fanned into standing timber where the destruction is tremendously serious for all citizens.

Only on rare occasions do camp fires get out of control of the users while they are present. In almost every case of a forest fire starting from a camp fire it is the "left behind" and neglected camp fire that eats its way to combustible material with expensive results. Many such camp fires were most carelessly "doused" at leaving time when perhaps the remaining coffee was used in an unsuccessful effort to extinguish the embers. Copious applications of water are needed for this task—but if water is scarce a cover of soil is effective in putting out the fire if properly applied and embers of the fire scattered.

So—Joe Doakes—when you go riding or camping in the country, please watch out for that carelessly

tossed, burning article than can so easily become a fire menace to property and life.

## Rudolph To Give Paper At Meeting

O. B. Rudolph, of the Y-12 Isotope Research and Production Department, will present a paper on the precision selection of voltage regulator tubes at the spring technical meeting of the East Tennessee Section of the American Institute of Electrical Engineers. The meeting will be held at the Ridge Recreation Hall Saturday, May 27.



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
CARBIDE AND CARBON  
CHEMICALS DIVISION  
Union Carbide And Carbon  
Corporation  
Post Office Box P  
Oak Ridge Tenn.  
GEORGE W. DOBBS . . . . Editor

OFFICE  
North Portal, Bldg. 9701-1  
Telephone 7-8252

## U. S. Defense Week Being Observed

Talks before civic clubs, a battalion retreat review, downtown window displays of war trophies and souvenirs, and a display of the army engineer equipment will feature National Defense Week and Armed Forces Day to be observed here this week, according to Bernard W. Menke, chairman of the observance.

The observance culminates in Armed Forces Day on Saturday, May 20. It is being sponsored by the Oak Ridge chapter of the Reserve Officers Association, local military units, veterans organizations and others.

### Clubs Plan Special Programs

The Kiwanis and Rotary clubs will devote their programs to National Defense Week. Maj. R. L. Young, unit instructor for the Tennessee National Guard here, will address the Kiwanis Club, discussing his experiences as an observer with the Greek army during its fighting with guerilla forces there. Major Young returned recently from Greece for army duty in this country.

Maj. Gen. Bryant L. Boatner, Deputy Comptroller of the United States Air Force, will be the speaker at the Rotary Club luncheon on Thursday. General Boatner is an authority on airplane production.

A highlight of the week was a battalion retreat review to be given by the 194th Combat Engineer Battalion at 7 p.m. Tuesday at the armory on Lincoln Circle. At this formation, Commander Douglas Shotton, of the Atomic City Post 99, American Legion, presented the Legion's annual award to the outstanding company in the Battalion.

### Vets Will Display Trophies

Veterans' organizations also will have displays of war trophies and souvenirs on display in store windows. The Veterans of Foreign Wars post here will furnish the display at Loveman's, the American Legion will have a display in Samuel's Men Store window, and the Reserve Officers Association is furnishing the display in Mars Firestone Store window in Grove Center.

On Saturday, the 194th Combat Engineer Battalion will display engineer equipment in Jackson Square.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Emily Leyshon, Dept. 2360; Herman L. Dickerson, Dept. 2320; Betty Jane Sherman, Dept. 2282; Sam King, Dept. 2007; and Birdie M. Fitzgerald, Dept. 2133.

"I'll give you \$5 if you'll let me paint you," said the artist.

The old mountaineer shifted his legs from one position to the other and back again.

"It's easy money," said the artist.

"Thar hain't no question 'bout that," the mountaineer replied, "I was jes' a wonderin' how I'd git the paint off afterwards."



Dr. R. S. Livingston, of the Y-12 Electromagnetic Research Laboratory, is scheduled to address the Oak Ridge National Laboratory biology seminar in Bldg. 9207 Thursday, May 18, on Neutrons From Electromagnetic Accelerators . . . The laboratory extends get well wishes to F. O. Gaddis, who has been ill . . . The Paul Hagelstons entertained Mr. and Mrs. John Hagelston and their sister, Miss Madeline Hagelston, from Boston, recently. The visiting folks were en route to their home after a trip to Florida.

The Oak Ridge Lions Club delegation to the recent state convention at Gatlinburg was headed by Dr. Cris P. Keim, of Isotope Research and Production . . . Fred Kappelmann has stepped from his successful managership of the First Methodist Church basketball team to leading the church's junior league baseball team.

The Buildings and Grounds folks are congratulating Stewart Hatcher over being the latest member of the Proud Papas of America Association . . . The Hatchers became parents of a baby girl at 8 a.m., May 1 at the Oak Ridge Hospital, weighed four pounds and 12 ounces and has been named Mary Evelyn. Hatcher spent a week's vacation at home getting acquainted with his new daughter.

Asa Tarwater, of Uranium Control and Computing, spent a recent week end down in Atlanta where she was maid of honor at the wedding of her sister . . . Madeline Franklin recently entertained guests from Valdese, N. C.

Folks tell of seeing J. C. Ezell, of Electrical Maintenance, over at Norris Lake recently reeling in bass by the bucket—while Mrs. E. rowed the boat.

Dorothy Connor, of the Central Reports Office, and her husband, Leroy, spent Mother's Day with her mother down in Chattanooga . . . Martha Parks spent the past week end with friends at Cleveland, Tenn.

Margaret O'Neal, of Chemical Research, and her husband have as guests her sister-in-law and husband, from Florida.

T. A. McKenzie, Superintendent of Plant Protection, is away on a trip to New York City and Atlantic City, N. Y. . . . Other Superintendents Department news is that June Messer spent a one-week vacation in Knoxville.

P. W. G. Nielson, of Research Engineering, has had his daughter, of Washington, as a recent guest.

Harold Babb, of Maintenance Shops, is entertaining his brother-in-law, G. D. Rogers, of Hamilton, Ohio, and family.

The Product Chemical Department reports that Martha Ray and her husband, Winfred Ray, of the Chemical Department, spent the Mother's Day week end in Fulton, Ky., with her folks.

Capt. W. O. Elam, of the Fire Department, and his family spent the past week end visiting down Alabama way.

Sgt. J. P. Seagle, of the Guard Department, is vacationing in Knoxville and doing some fishing on the side . . . Another fisherman on vacation from the Guards is T. D. Ogle, who also is working on his new home on Edgemore Road during time out from angling at Treemont, up in the Smokies.

T. H. Barnhill, of the Stores Department, is vacationing this week right here at home in Oak Ridge.

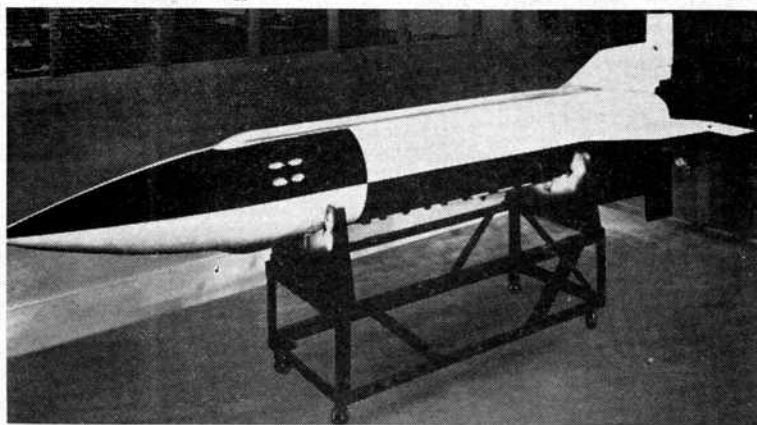
Property Sales Department People are congratulating R. E. Redmon on the birth of a baby boy born May 5 at Harriman . . . The youngster weighed seven pounds, 13 ounces and has been named Cecil.

Receiving and Shipping extends get well quick wishes to the son of Paul Snodgrass. He is ill in the Oak Ridge Hospital.

Fellow employees of Mary Margaret Norton are extending similar wishes to her father, likewise on the ailing list.

Irene Turner, of Manufacturing Offices, and her husband are vaca-

## Rockets And Guided Missiles Bring Knowledge Of Stratosphere To Man In About Six Minutes



The highest point of land in the world is the peak of Mt. Everest, some 5.5 miles above sea level. To date, no one has reached its top. Yet men have flown over it. Man's official altitude record, set by an occupied balloon in 1935, is 13.8 miles. Yet, men have looked at the atmosphere, felt its temperature, and recorded its characteristics at heights of more than 50 miles. Today, they are trying to push the ceiling to more than double that height.

### New Knowledge Brought To Man

Rockets and guided missiles, equipped with instruments more sensitive than the human senses, are bringing to man new knowledge of the universe that surrounds him. Flying at supersonic speeds, these pencil-shaped objects can pierce the stratosphere and bring to earth in as little as six minutes information which mankind has guessed at for centuries.

In addition to facts of the upper air, valuable data is being collected which will advance aerodynamic research and the national defense. With each firing of a rocket or guided missile, new performance data is recorded to improve the design and operation of the next rocket or missile.

### All Burn Liquid Fuel

Three of the newest models are the Air Force's guided missiles—Consolidated Vultee 774 and North American Nativ, and the Navy Viking Rocket. While all three vary in design and performance, all are designed to burn liquid fuel. Liquid oxygen and alcohol have been used to develop a thrust of more than 10 tons for more than a minute and speed of more than 2,000 miles an hour.

Although an American-fired German V-2 rocket still holds the altitude records, many improvements in design, such as improved stabilization control, are included in the American rockets and missiles. The latest models are believed capable of attaining greater altitudes than those of the German V-2.

### Linde Provides Liquid Oxygen

The employees of Union Carbide and Carbon Corporation may well take interest in this upper air research. For much of the liquid oxygen used was produced and delivered by The Linde Air Products Co., a unit of Union Carbide and Carbon Corporation.

## Plant Equals Low Absentee Record

(Continued from Page 1)

May 7. It had an absentee record of .6 per cent and was in fifth place the previous week. Manufacturing Offices rose from eighth to third place by reporting .8 per cent of its personnel absent.

The Y-12 plant-wide absentee record for the week ending May 7 follows:

MAJOR LEAGUE			
Dept.	Percentage Absent	Scheduled	Standing
2015	0.2	1	9
2300	0.4	2	13
2619	0.6	3	2
2014	0.7	4	12
2077	1.1	5	1
2616	1.2	6	6
2320	1.8	7	10
2091	1.87	8	3
2003	1.93	9	4
2283	2.1	10	8
2282	2.2	11	11
2142	2.6	12	5
2360	3.6	13	7

Group absentee percentage was 1.5 per cent, .5 per cent lower than the preceding week.

MINOR LEAGUE			
Dept.	Percentage Absent	Scheduled	Standing
2008	0.0	1	1
2743	0.0	1	1
2096	0.0	1	1
2005	0.0	1	2
2107	0.0	1	4
2739	0.6	2	5
2133	0.8	3	8
2143	1.3	4	1
2270	2.3	5	2
2200	2.9	6	6
2002	3.3	7	1
2060	3.6	8	9
2001	4.6	9	7
2140	5.6	10	1

Group absentee percentage was two per cent, .2 per cent higher than the preceding week.

The plant average for the week ending May 7 was 1.6 per cent, .3 per cent lower than the preceding week.

## Swathmore College Professor Will Lead Seminar Discussion

Prof. W. C. Elmore, of the faculty of Swathmore College, Swathmore, Pa., will be the principal speaker on the weekly program of the Oak Ridge Physics Seminar to be held at 4 o'clock Friday afternoon, May 19, in the East Lounge of the Ridge Recreation Hall.

Y-12 technical and scientific personnel are invited to hear the discussion, subject of which is "Some Circuits For Use With Scintillation Detectors."

## Newspaper Issues Warning To Reds

The Christian Science Monitor has editorially warned Russia that the hydrogen bomb prospect has given the democratic peoples of the world a more horrid picture of war, but that it has not made these peoples seekers of peace at any price. The Monitor believes that the United States should not stand pat on the hydrogen or atomic bomb but should launch more vigorous measures to make the nation less dependent on such bombs.

tioning with her folks at Charlottesville, Va. . . . Maola Connor was placed on the nominating committee of the Oak Ridge Business and Professional Women's Club and was elected a delegate to the state convention of the club in Nashville to be held May 26-28.



THE U. S. AIR FORCE Nativ test rocket is shown above at rest and at bottom leaving its launching tower. The Nativ, using oxygen produced by the Linde Air Products Co. in its liquid fuel, is about 13 feet long and 18 inches in diameter. It was designed for aerodynamic research, development of control systems and training of rocket launching crews. The photographs are by courtesy of the U. S. Air Force.

## Carbide Wives Plan Meeting Wednesday

The Carbide Wives will hold their monthly meeting at 7:30 o'clock tonight, Wednesday, May 17, in the East Lounge of the Ridge Recreation Hall. All wives of Y-12 employees are cordially invited to attend the session.

Mrs. C. Paul Johnston, of the executive board, is in charge of the party. Hostesses will include Mesdames W. R. Rathkamp, chairman, whose husband is a Y-12 employee in the Isotope Research and Production Department; H.M. McLeod, whose husband also is a Y-12er in Chemical Research; William Carey, Charles Asmanes, A. A. Abbatiello, Arthur Snyder and Robert Gray.

## Playhouse To Close Season With Drama

The final production of the Oak Ridge Community Playhouse will open May 31 for a six-night engagement at the Oak Terrace ball room when the thespians will present the old-style melodrama, "Love Rides the Rails." Curtain time is 8:15 o'clock.

The play is set during the so-called Gay Nineties and the audience will be seated at tables in the hall and may order refreshments during the show. The performers will sing tear-jerking ballads of the period between acts and scenes and some 12 specialty numbers will be offered.

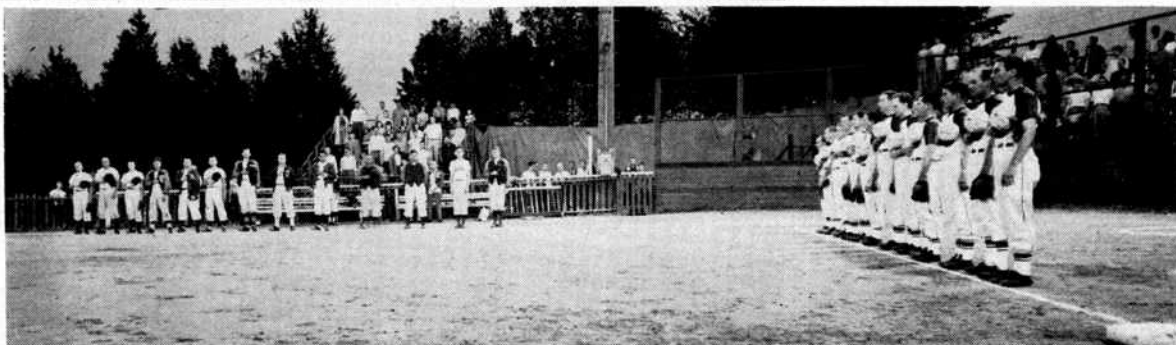
Mrs. Marshall Lockhart, wife of George Lockhart, of the Y-12 Planning and Estimating Department, will play one of the leads in the production, "The Widow Hopewell." She has appeared in five of the Community Playhouse productions and formerly was with the Carolina Play Makers at Chapel Hill, N. C., for two years.

## Post Will Publish Article On Plastics

All Y-12ers are urged to be on the lookout for the May 20 issue of the Saturday Evening Post.

The magazine will print at that time a feature article entitled "The World Goes Plastic." Several persons in the Carbide organization assisted in preparing the article that deals largely with Bakelite and Vinylite plastics produced by the Company.





AT TOP IS THE Y-12 VARSITY SOFTBALL TEAM, 1950 EDITION. IN THE FRONT ROW, from left, are Paul Braden, C. A. Hall, Jr., Bill Wright and Bill McGill. In the rear are Harold Babb, Tom Webber, Rudy Pletz, Johnny Gordon, Roy Hale, Ed Sise, George Oliphant, Frank Snyder and Henry Krouse. Manager Richard Dew was not present when the picture was made. The lower picture shows the Y-12ers and K-25 in ceremonies just before the Oak Ridge loop opened activities. The K-25 team is facing the camera while Y-12 is on the right, along the third base line.

Y-12 Photos By Vince Moore

## Varsity Bowlers Sink Samuels To End Season

The Y-12 men's varsity bowling team closed its season in a blaze of glory on Monday night, May 8, by soundly trouncing the Oak Ridge City League champions representing Samuels by four fine and juicy points for a whitewash triumph. The victory put the Y-12ers soundly in possession of third place in the league and but for some bad breaks early in the season they might have landed higher in the standings.

Just behind Samuels in the final standings was the team of keggers from K-25. Then came Roane-Anderson, Grove Delicatessen, Fairchild, Wholesale Grocers, Hoskins, Exchange Club, Williams Raiders and Maxon.

In the closing match the Y-12ers posted games of 919, 821, 903—2,643 as against 856, 785, 840—2,481 for Samuels. In individual scoring the victors were closely bunched with Elmore Koons again leading the parade with 202, 128, 215—545. Then came Frank Gragg with 191, 175, 173—539; Nelson Tibbatts 198, 178, 161—537; Ernie Cobble 177, 171, 184—532; and Conrad Roberts 151, 169, 170—490.

Spring housecleaning tip: Use ladders to wash walls, windows, change storm windows. Watch your step carrying bedding and clothing out to air.

6-1416



6-1417

Y-12 Photos By Vince Moore

THE LONG BOWLING SEASON IN Y-12 FINALLY WAS concluded with the Orphans, champions of the C League, shown at top, winning out in a roll-off with the Wolves, B League victors; and the Strikers, title holders in the D League. The Orphans, from left, are E. Green, Joe Dunlap, Elmore Koons, George Riddle, A. F. Kendig and Nelson Tibbatts. The small fry are Boyd Green, Ernie Riddle and Tommy Tibbatts. In the lower picture are some members of the Wolves and Strikers teams. From left to right are Frank Gragg, Walter Sherrod and Connie Roberts, of the Wolves. Then come Bill Burns, Grady Whitman, Arnold Tiller and Ray Duckworth, of the Strikers. Ernie Cobble and R. L. Martin, of the Wolves, were not present and neither was George Stukenbroeche, of the Strikers.

## Four Hundreds Lose But Still Top Loop; Reynolds Top Scorer

The Four Hundreds team in the Y-12 Golf League lost their first encounter of the season, but definitely, last week when they took a 11 to 25 drubbing at the hands of the Chippers. However, the Four Hundreds still held top spot in the loop at the end of the week. Those 11 points posted by the last place Chippers was the best score yet turned in during loop play.

The closest match of the week was staged by the Rippers and Left Overs in which the former aggregation turned in a 16½ to 19½ decision. The Hooks defeated the Deacons by 14½ to 21½ and the Four Woods triumphed over the

Rough Riders by 15 to 21. The Green Rays and Bldg. 9212 were unable to play their contest because of rain.

The schedule of matches through next Tuesday, May 23, follows:

Wednesday, May 17, Bldg. 9212 vs Deacons.

Thursday, May 18, Rippers vs Hooks.

Friday, May 19, Four Hundreds vs Rough Riders. Green Rays vs Four Woods.

Tuesday, May 23, Deacons vs Green Rays.

Bill Reynolds had the best score of the week with a round of 37 of which to be justly proud. He also has the best average of the top 10 players in the loop with 39 in matches to date. Others in the top 10 include Wanamaker 40, Lavers 41, Ludwig 42, Tiller 42, Caldwell 43, Crouse 43, Bowles 44, Nessle 44, Sherrod 44 and Harris 44.

League standing as of last Friday follows:

Team	W	L	Team	W	L
Four Hundreds	3	1	Four Woods	2	2
Hooks	2½	1	Deacons	2	2
Left Overs	2	2	Green Rays	1½	1
Rippers	2	2	Bldg. 9212	1	2
Rough Riders	2	2	Chippers	1	3

## Nuclear Institute For Teachers Held

Approximately 400 students attended the wind-up session of the Nuclear Institute for teachers in Chicago that drew nearly 2,500 teachers since classes were opened last October, it was announced recently by the Chicago Sun-Times. The classes were sponsored by the office of Dr. Herold C. Hunt, Chicago superintendent of schools, in cooperation with the Argonne National Laboratory, Atomic Energy Commission and the Museum of Science and Industry, where instruction was given.

The odd-job man knocked on the door for his lunch.

"Did you notice that big pile of wood over there?" asked the lady.

"Yeah, I seen it."

"Mind your grammar," snapped the lady, "you should say you saw it."

"Lady," he answered, "you saw me see it, but you ain't seen me saw it."

## SPORTS NEWS

### Y-12 Softball And Baseball Teams Scheduled Thursday And Friday

Weather permitting, both the Y-12 varsity softball and baseball teams are scheduled to see action Thursday and Friday nights of this week. The softies are slated to meet Roane-Anderson at 9:15 p.m. Thursday night at Pinewood Park while the Cardinals will entertain the Oliver Springs outfit at 8 o'clock Friday night at the Gamble Valley arena.

Following the engagement with the Roane-Anderson softballers this week, the Y-12 team next is scheduled to appear at 9:15 p.m. Monday night, May 22, against the

Oak Ridge Motors combination. The Y-12 lads licked the Motors team in an exhibition game earlier in the season.

The Cardinals' next clash is scheduled for Sunday night, May 21, against the Roane-Anderson lads. Then on Wednesday night, May 24, the red and white will play the K-25 club. Both games are at Gamble Valley, beginning at 8 o'clock.

#### Loop Cut To Seven Teams

The baseball league has been cut back from eight to seven teams with the withdrawal of the Atomic Energy Commission team. League members now are Y-12, K-25, Oak Ridge National Laboratory, Community Stores, Lake City, Oliver Springs and Roane-Anderson. The Oliver Springs team will play its home games at Lake City pending completion of their own home grounds.

The Y-12 softballers had the honor of opening the league season, but that was about all they received except a 9 to 0 walloping by K-25. Ed Sise was touched for 11 hits and seven errors behind him didn't help the situation a bit as the K-25 team played errorless ball. Meanwhile "Po" Smith, former Y-12er, held the red and white team to two measly hits, both by Snyder. In the second game of the opening schedule Roane-Anderson whipped ORNL, champions of the league last year, by 16 to 3.

The Y-12ers had been slated to meet ORNL last Friday night but the game was postponed because of rain.

#### Y-12 Women Win Game

In a practice game last Thursday the Y-12 women softballers beat the lassies from K-25 by 4 to 2 in a well-played clash, coming from behind to turn the trick. The Roberts girls did the battery work for Y-12 with Pat Roberts allowing only three hits.

The line scores of the Y-12 and K-25 men's game and the women's tilt follow:

Team	R	H	E
K-25	0	0	5
Y-12	0	0	0

Batteries: K-25, Smith and Burton. Y-12, Sise and Hale.

Team	R	H	E
K-25	0	0	1
Y-12	0	1	0

Batteries: K-25, McAllister and Hopkins. Y-12, P. Roberts and B. Roberts.

### Herndon Placed On Red Cross Body

Jesse M. Herndon, of Y-12, has been selected as a member of the nominating committee of the Oak Ridge Chapter of the American Red Cross to propose members of a new board of directors, officers and a 1951 fund campaign chairman. Other members are C. O. Burns and Sam Miller.

George Flack, of K-25, has been named acting chairman of the Oak Ridge Chapter, replacing James H. Moore. Flack has been vice president of the chapter.

### Ridge Will Have New Coal Yard

Oak Ridge soon will have a new coal yard to be located in an area south of the Oak Ridge Turnpike and west of the River Road, near the Elza entrance to the city.

The Atomic Energy Commission has announced that the Wright Contracting Company, of Columbus, Ga., was low bidder on the project with \$28,123. The present yard is near Gamble Valley but with removal of the railroad line to the vicinity it was necessary to move it.

Luck is usually with the man who doesn't count on it.

### Plant Softball Loop To Resume Hostilities

If old man Jupiter Pluvius will refrain from turning on the rain faucets the Y-12 plant Softball League will continue operations this week with clashes set for Thursday night of this week and Tuesday night of next week at Oakwood Park No. 1.

The All Stars and Isotopes are scheduled to meet at 6:30 p.m. Thursday night and will be followed at 8 p.m. by the Bums and Bldg. 9212.

After the week-end holiday the program for next Tuesday night calls for the All Stars and Bums to open hostilities at 6:30 p.m. and Bldg. 9212 and the Rippers to wind up festivities at 8 p.m.

### Y-12 Softball Teams Play Jonesboro Saturday Night

Both the men and women softball teams of Y-12 will journey to Jonesboro, Tenn., Saturday night, for a double header with the home town teams there. The first game featuring the women will start at 7:30 o'clock with the men's contest following.

The Jonesboro teams visited Oak Ridge some time back for practice games with the Y-12ers and gave a good account of themselves, although the red and white had a slight edge in runs scored.

Y-12 fans will be assured of good entertainment and will be doing the teams a big favor by dropping over to Jonesboro Saturday night to support the athletes.

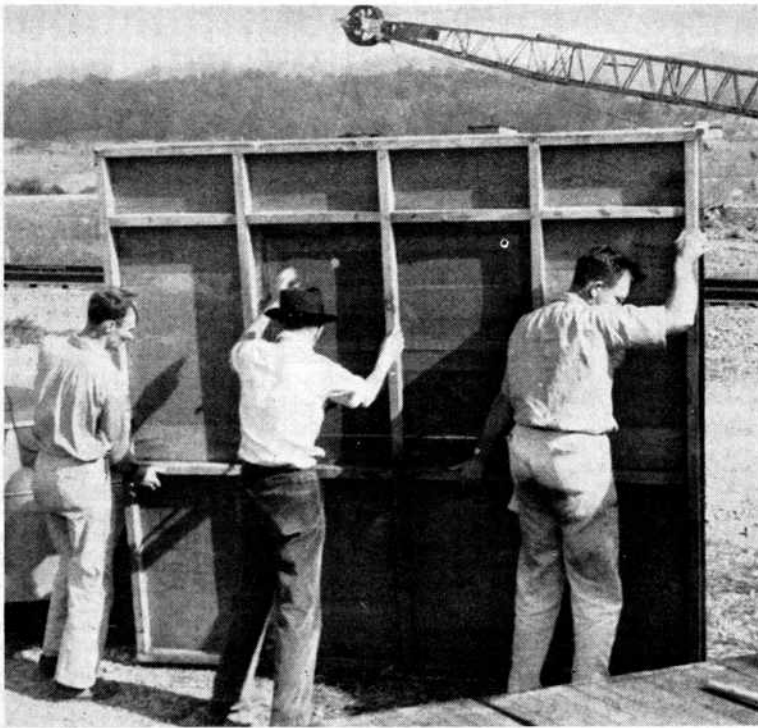
### Vehicular Death Rate Stated Low

Records of the Metropolitan Life Insurance Co. show that the death rate from accidents caused by land and air vehicles was only slightly higher in 1949 than it was in 1911. In the light of the vast increase in the amount of freight hauled and the amount of traveling done by American families, particularly by automobile, the slight increase in the death rate is declared encouraging by the insurance firm.



**CARBIDE AND CARBON  
CHEMICALS DIVISION**  
Union Carbide And Carbon Corporation  
P. O. Box P.  
Oak Ridge, Tenn.  
(RETURN POSTAGE GUARANTEED)

Sec. 34.66, P.L.&R.  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 3



## Many Y-12ers Active In Affairs Of Oak Ridge Power Squadron

The lure of nearby lakes and their availability for both power and sail boating has appealed to many residents of land-locked Oak Ridge with the result that many have bought or built various types of craft during the past few years. Naturally, an organization of these nautical-minded Ridgers was inevitable and so the Oak Ridge Power Squadron came into being with divisions for both power and sail boaters.

During the past year a number of Y-12ers have been active in leadership of the squadron, which is a flourishing organization with its own headquarters building having room and equipment for storing and building boats and even a newspaper. W. R. Tunnell now is commander of the group and G. J. Angele is vice commander. Other Y-12 members of the group include W. R. Rathkamp, George Banic, E. G. Richardson, H. N. Benninghoff, Dr. E. D. Shipley, Harry Cupp, Jack Case, George Lockhart, and Walcott Watson.

### Varied Program Planned

The squadron program for the summer is varied and includes not

only just boating for enjoyment but practical instruction in proper handling of all boats, water safety and navigation. The first classes will be held for sail boat operators whose base is at Concord docks on Fort Loudoun Lake and these will be followed by instruction for power boat owners at Norris.

A series of sailing races also has been planned for Fort Loudoun Lake during the summer, the first event being scheduled for Saturday, June 10. The races will be held every other week, to allow the sailors ample time to enjoy private cruises.

### Instruction Is Given

Not only during the summer months is the squadron active, for the group has a year-around program. During the winter months classes held in navigation, seamanship and other nautical subjects. Then the squadron also opens its doors for youngsters interested in marine matters and has instructed several Boy Scout and Cub Scout troops and dens in rope making and other topics.

The annual election of the squadron is scheduled for May 26 and



Y-12 Photos By Vince Moore

**NAUTICAL MINDED Y-12ERS IN THE OAK RIDGE POWER SQUADRON ARE BUSY** most of the year. These pictures show some of their activities. At top, right, G. J. Angele, W. R. Rathkamp, Earline Banic, George Banic and W. R. Tunnell "paddle" the Banic's boat out of winter quarters in the power squadron building and in the center picture preparations are being made to haul their craft and Tunnell's boat to Norris Lake for summer enjoyment as is shown in the bottom right picture. Tunnell's craft, an inboard hydroplane, is at left, then comes the Banic boat, a utility runabout, and other boats owned by squadron members. Squadron members did a lot of work on their headquarters building and the top left photograph shows some of them in action. From left are Tunnell, George Lockhart and Henry Gibson, a former Y-12er. Extending the scope of its activities, the squadron often helps out youngsters of the city in giving demonstrations such as the one in making rope before a group of Cub Scouts of Den 5, Pack 3,127, of which Lockhart is treasurer and Mrs. Lockhart was den mother. Several sons of Y-12ers are in the group that include Laurence Teeter, James Moore, G. J. Angele and son; W. R. Rathkamp, one of the instructors; Sonny Sawyer, Don Lavers, Larry Moore, Larry Lavers, Joe Cornell Thompson, David Norton, Buck Lockhart, Marc Cohn, Jimmy Engle and Skippy Pluhan.

Tunnell and Angele both have been renominated for reelection. Rathkamp, Watson and Richardson have been nominated for positions on the board of directors.

### Squadron Chartered In 1947

The Oak Ridge Power Squadron obtained its charter in February, 1947. Its first headquarters were in a building in the Gamble Valley area. Later the group moved to the present location on Emory Road. The headquarters building as now constructed consists of parts of three old structures that were marked for salvage. These were obtained without cost to the squadron and the members themselves pitched in and assembled the building. As it stands, the building is 60 by 104 feet and is a popular rendez-vous for all of the squadron members.

Your heart normally beats about 70 times a minute 24 hours a day, on a lifetime shift.

### WHY DIDN'T SOMEBODY THINK OF IT BEFORE DEPARTMENT ACTIVITIES

If you have been having trouble putting on junior's shoes, fret no more, says the National Patent Council. It reports that Robert Hoyt, of Andes, N.Y., has conceived the novel idea of putting zippers up the back of a little tot's shoes. The shoes can be put on a youngster in less than 30 seconds, no matter how much he squirms and kicks. Hoyt has applied for a patent and intends to go into the shoe manufacturing business to put his product in the field.

The 1949 all-accident death rate was 61.2 deaths per 100,000 population, the National Safety Council says. This is the lowest rate on record.

### Trip To Havana Open For Y-12ers

Y-12 employees, both men and women, are offered an opportunity to make an all-expense airplane trip to Havana, Cuba, by the Recreation Department of the Oak Ridge National Laboratory, which is arranging the tour. If the trip is scheduled, it is planned to leave the Knoxville airport Friday night, May 26, returning to Knoxville Sunday night.

The price of the two-day trip is \$135 per person, approximately half of the cost of a regularly scheduled trip. A minimum of 50 passengers is required for the flight.

Any Y-12ers interested in making the trip may obtain full information by telephoning the ORNL Recreation Department, 6421.